

AN 1979:528626 CAPLUS  
 DN 91:128626  
 TI Treatment of wastes containing plastics  
 IN Kajimoto, Hikokusu; Shimada, Takafumi; Onojima, Yoshio; Masai, Kazuto;  
 Miyamoto, Hiroshi; Yoneda, Muneo; Kumagaya, Takeo  
 PA Mitsubishi Heavy Industries, Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 54067073	A2	19790530	JP 1977-134258	19771109
	JP 56005149	B4	19810203		
PRAI	JP 1977-134258		19771109		

AB Municipal or industrial wastes contg. polyolefins, polystyrene, PVC, etc.,

are mixed with  $\geq 5\%$  powd. inorg. substances (sand, ash) at  $180-450^\circ$  in a **rotary drum** to reduce their vols. and to fix the wastes in solid form. Thus, 4.9 kg **municipal waste** contg. 80% plastics was mixed with 4 kg sandy earth at  $220^\circ$ . The waste vol. was reduced to  $1/10$  and, upon screening the roasted waste, 6.2 kg of sand-plastics mixt. spherical particles was obtained.

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FILE 'AGRICOLA, BIOSIS, BIOTECHNO, CABA, CAPLUS, DISSABS, FEDRIP, FOMAD,

FOREGE, FROSTI, FSTA, JICST-EPLUS, PASCAL, PROMT, MEDICONF, NTIS, NUTRACEUT, SCISEARCH, TOXCENTER' ENTERED AT 15:43:38 ON 15 MAR

2004

L1 1 S NITROGEN (10A) STERILIZATION (10A) WASTES  
 L2 9 S MUNICIPAL WASTE AND ROTARY DRUM

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L3 0 S NITROGEN (10A) STERILIZATION (10A) WASTES  
 L4 1 S ROTARY DRUM (P) MUNICIPAL WASTES  
 L5 11 S ROTARY DRUM (P) MUNICIPAL WASTE  
 L6 0 S ROTARY DRUM (P) MUNICIPAL WASTES (P) (SEWAGE OR SLURRY)  
 L7 0 S ROTARY DRUM (P) MUNICIPAL WASTES (A) (SEWAGE OR SLURRY)  
 L8 0 S ROTARY DRUM (A) MUNICIPAL WASTES (A) (SEWAGE OR SLURRY)